

TRI On-site and Off-site Releases, by State, 1998
ELECTRIC UTILITIES (SIC CODES 4911/4931/4939)

State	On-site Releases										Off-site Releases	Total On- and Off-site Releases Pounds
	Total Facilities Number	Total Forms Number	Form As Number	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds		
						Class I Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Alabama	11	122	1	28,660,982	211,735	0	0	0	16,841,649	45,714,366	366,780	46,081,146
Alaska	1	4	0	567,100	0	0	0	0	0	567,100	0	567,100
American Samoa	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	6	56	0	3,531,238	955	0	0	0	5,994,157	9,526,350	6,708	9,533,058
Arkansas	4	27	0	1,248,681	20,329	0	0	0	2,028,613	3,297,623	912	3,298,535
California	16	44	4	385,620	17	0	0	0	147,300	532,937	45,823	578,760
Colorado	14	63	2	1,912,616	2,980	0	0	0	3,153,460	5,069,056	3,780,883	8,849,939
Connecticut	7	21	0	1,259,018	39	0	0	0	0	1,259,057	217,571	1,476,628
Delaware	3	27	3	6,818,633	59,740	0	0	0	590,579	7,468,952	263,696	7,732,648
District of Columbia	1	1	0	66,250	0	0	0	0	0	66,250	0	66,250
Florida	36	218	9	57,697,392	67,446	0	0	934,073	7,493,671	66,192,582	2,546,115	68,738,697
Georgia	14	114	0	47,191,872	137,364	0	0	0	11,136,522	58,465,758	10	58,465,768
Guam	1	1	1	0	0	0	0	0	0	0	0	0
Hawaii	10	17	1	3,133,022	0	0	0	0	0	3,133,022	4,500	3,137,522
Idaho	0	0	0	0	0	0	0	0	0	0	0	0
Illinois	25	209	28	32,126,653	40,697	0	0	0	4,752,045	36,919,395	1,671,753	38,591,148
Indiana	23	253	12	44,326,731	312,566	0	0	5,000	16,405,667	61,049,964	838,007	61,887,971
Iowa	18	98	0	8,696,569	14,967	0	0	0	3,945,293	12,656,829	1,036,473	13,693,302
Kansas	8	72	4	5,113,220	6,515	0	0	0	5,772,385	10,892,120	100,464	10,992,584
Kentucky	19	196	0	44,786,767	788,373	0	0	3	12,744,988	58,320,131	493,973	58,814,104
Louisiana	4	37	1	4,197,816	79,231	0	0	0	4,520,798	8,797,845	2,149	8,799,994
Maine	2	3	0	43,001	0	0	0	0	0	43,001	0	43,001
Maryland	10	59	10	24,749,607	129,725	0	0	0	147,282	25,026,614	509,100	25,535,714
Massachusetts	13	60	11	5,639,923	531	0	0	0	39,335	5,679,789	442,449	6,122,238
Michigan	24	173	5	33,812,186	201,662	0	0	0	9,540,682	43,554,530	2,039,725	45,594,255
Minnesota	13	83	1	1,751,834	18,636	0	0	0	10,097,510	11,867,980	1,105,212	12,973,192
Mississippi	5	31	0	9,271,476	4,712	0	0	0	2,028,530	11,304,718	0	11,304,718
Missouri	18	118	2	12,983,638	130,117	0	0	0	19,316,590	32,430,345	290	32,430,635
Montana	4	32	0	950,655	10	0	0	0	6,830,111	7,780,776	159,400	7,940,176
Nebraska	7	42	0	4,086,255	120,760	0	0	0	3,611,307	7,818,322	165,200	7,983,522
Nevada	4	24	1	1,209,417	0	0	0	0	1,661,938	2,871,355	10,087	2,881,442
New Hampshire	3	19	0	4,026,179	0	0	0	0	21,700	4,047,879	49,870	4,097,749
New Jersey	15	67	11	7,529,062	36,569	0	0	0	311,900	7,877,531	177,887	8,055,418
New Mexico	2	26	0	711,363	8,468	0	0	0	1,177,689	1,897,520	5,546,000	7,443,520
New York	34	108	2	16,100,838	166,365	0	0	0	1,925,080	18,192,283	504,170	18,696,453
North Carolina	21	157	1	48,387,026	99,731	0	0	0	8,304,875	56,791,632	157,242	56,948,874
North Dakota	7	83	15	1,404,407	59,011	0	0	0	8,069,360	9,532,778	11,302,469	20,835,247
Northern Marianas	0	0	0	0	0	0	0	0	0	0	0	0
Ohio*	27	237	6	95,220,630	386,974	0	0	0	14,008,971	109,616,575	4,307,068	113,923,643
Oklahoma**	7	52	2	6,178,303	61,874	0	0	0	1,839,091	8,079,268	1,628,650	9,707,918
Oregon	2	7	0	127,585	0	0	0	0	620,005	747,590	0	747,590
Pennsylvania	41	332	12	58,894,300	84,857	0	160,800	94,000	5,533,579	64,767,536	8,416,171	73,183,707
Puerto Rico	10	33	10	9,857,078	62,123	0	0	0	154,741	10,073,942	203,305	10,277,247
Rhode Island	3	3	0	455,002	5	0	0	0	0	455,007	0	455,007
South Carolina	14	116	9	13,713,725	7,925	0	0	0	2,387,888	16,109,538	20,623	16,130,161
South Dakota	2	14	0	189,732	56	0	0	0	1,625,000	1,814,788	96,990	1,911,778
Tennessee	9	101	1	26,657,215	332,655	0	0	0	7,794,265	34,784,135	515,065	35,299,200
Texas*	19	185	3	8,138,409	33,911	0	0	0	25,280,363	33,452,683	7,800,256	41,252,939
Utah*	6	59	0	2,981,457	198	0	0	0	6,031,746	9,013,401	211,971	9,225,372
Vermont	0	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands	2	8	0	81	26,832	0	0	0	0	26,913	0	26,913
Virginia	22	172	3	17,440,563	2,677,567	0	0	0	2,807,865	22,925,995	298,461	23,224,456
Washington	4	20	0	1,139,941	738	0	0	0	3,364,936	4,505,615	88,078	4,593,693
West Virginia	14	158	3	62,340,588	81,669	18	0	0	11,500,597	73,922,872	1,958,941	75,881,813
Wisconsin	20	124	8	13,704,098	25,853	0	0	0	1,758,842	15,488,793	2,280,962	17,769,755
Wyoming*	7	77	2	2,270,618	12,647	0	0	0	9,891,517	12,174,782	1,169,392	13,344,174
Total	612	4,363	184	783,686,372	6,515,135	18	160,800	1,033,076	263,210,422	1,054,605,823	62,540,851	1,117,146,674

Note: On-site Releases from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R.

Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.

Off-site Releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

Facilities/forms are included in the original industry category if they did not report a new industry SIC code.

Facilities/forms are included in the new industry category if the facility/form has a new industry SIC code and no SIC code in 20-39.

If the facility reported in any year prior to 1998 and the facility/form has a combination of original and new industry SIC codes, then the facility/form is included in the original industry category.

If the facility reported for the first time in 1998 and the facility/form has a combination of original and new industry SIC codes, then the facility/form is included in the new industry category.

* Includes facilities/forms also reporting SIC code 12 (Coal mining).

** Includes facilities/forms also reporting SIC code 28 (Chemicals and allied products).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposures of the public to those chemicals.

Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities which involve toxic chemicals.

TRI Chemicals in Waste, by State, 1998
ELECTRIC UTILITIES (SIC CODES 4911/4931/4939)

State	Recycled		Energy Recovery		Treated		Quantity Released On- and Off-site Pounds	Total Production-related Waste Pounds	Non-Production-related Waste Pounds
	On-site Pounds	Off-site Pounds	On-site Pounds	Off-site Pounds	On-site Pounds	Off-site Pounds			
Alabama	0	8,700	8,057,169	0	6,458,000	670	46,084,997	60,609,536	0
Alaska	0	0	0	0	0	0	567,100	567,100	4
American Samoa	0	0	0	0	0	0	0	0	0
Arizona	0	848	0	0	2,220,160	0	9,675,610	11,896,618	21,009
Arkansas	0	0	0	0	72,900	0	3,307,911	3,380,811	120
California	0	0	0	0	0	395	308,069	308,464	365
Colorado	0	0	0	0	2,154,100	1,700	9,135,042	11,290,842	4,900
Connecticut	0	0	0	0	0	0	1,477,400	1,477,400	7
Delaware	0	0	0	0	926,667	300	7,732,664	8,659,631	2
District of Columbia	0	0	0	0	0	0	66,000	66,000	295
Florida	0	59	0	0	25,272,870	26,000	66,979,737	92,278,666	7,539
Georgia	0	0	0	0	0	0	58,466,081	58,466,081	0
Guam	0	0	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	3,137,487	3,137,487	0
Idaho	0	0	0	0	0	0	0	0	0
Illinois	0	77,000	0	0	26,304,728	0	38,360,789	64,742,517	142,254
Indiana	0	331,532	0	28	39,829,342	38	61,877,943	102,038,883	12,067
Iowa	0	0	0	0	210,103	0	12,877,232	13,087,335	1,526
Kansas	0	475,991	0	0	1,179,500	414	11,081,439	12,737,344	2
Kentucky	0	32,800	0	0	21,517,400	3	58,990,240	80,540,443	39
Louisiana	0	0	0	0	1,058,750	0	8,921,510	9,980,260	10
Maine	0	0	0	0	0	0	43,002	43,002	0
Maryland	0	0	0	0	50,269,228	445	25,400,466	75,670,139	2
Massachusetts	0	560	0	0	62,497	30	6,210,056	6,273,143	91
Michigan	0	189,206	0	0	9,924,390	0	45,430,946	55,544,542	12
Minnesota	0	0	0	0	1,134,100	0	12,923,411	14,057,511	0
Mississippi	0	0	0	0	0	0	11,304,718	11,304,718	4
Missouri	656,527	656,527	0	0	7,078,716	0	31,898,437	40,290,207	0
Montana	0	0	0	0	3,473,960	0	7,948,592	11,422,552	0
Nebraska	70,732	0	0	0	0	0	7,918,735	7,989,467	20,000
Nevada	0	9,400	0	0	577,476	0	2,304,024	2,890,900	2
New Hampshire	0	30	0	0	110	0	4,114,210	4,114,350	0
New Jersey	0	14,506	0	0	3,683,265	481	8,049,512	11,747,764	242
New Mexico	0	0	0	0	3,350,000	0	7,392,310	10,742,310	0
New York	0	210,000	0	25,000	6,720,000	300	18,626,623	25,581,923	11
North Carolina	0	0	0	0	3,209,200	0	56,989,360	60,198,560	531
North Dakota	0	2,500	0	0	832,000	0	21,299,360	22,133,860	15
Northern Marianas	0	0	0	0	0	0	0	0	0
Ohio*	0	309,000	0	0	62,611,060	0	114,379,417	177,299,477	101
Oklahoma**	0	0	0	0	1,647,600	0	9,671,754	11,319,354	15
Oregon	0	0	0	0	0	0	747,560	747,560	1
Pennsylvania	0	185	0	0	24,393,772	0	73,701,915	98,095,872	30
Puerto Rico	0	0	0	0	0	0	10,277,208	10,277,208	2
Rhode Island	0	0	0	0	0	12	454,997	455,009	0
South Carolina	0	0	0	0	6,360,600	0	16,160,065	22,520,665	4
South Dakota	0	0	0	0	282,192	0	1,896,082	2,178,274	0
Tennessee	0	892,886	0	0	27,593,000	0	35,277,247	63,763,133	0
Texas*	0	13,591	0	0	16,237,218	230	41,188,118	57,439,157	9
Utah*	0	0	0	0	44,138,500	0	10,014,733	54,153,233	7
Vermont	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	26,863	26,863	0
Virginia	0	3,096,700	0	0	5,750,091	1	23,035,825	31,882,617	13
Washington	0	0	0	0	83,365	0	4,647,336	4,730,701	0
West Virginia	0	324,506	0	0	6,510,000	0	75,860,713	82,695,219	0
Wisconsin	0	0	0	0	2,207,268	355,783	17,720,952	20,284,003	6
Wyoming*	0	307,000	0	0	1,560,100	0	13,758,563	15,625,663	0
Total	727,259	6,953,527	8,057,169	25,028	416,894,228	386,802	1,115,720,361	1,548,764,374	211,237

Note: Data from Section 8 of Form R.

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